

Hopewell Furnace National Historic Site, Alliance-level Vegetation Map Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: Greg Podniesinski, Pennsylvania Science Office of the Nature Conservancy

Publication_Date: 20041115

Title: Alliance-level vegetation map of Hopewell Furnace National Historic Site

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: http://biology.usgs.gov/npsveg/hofu/index.html#geospatial_veg_info

Description:

Abstract: This shapefile is an alliance-level vegetation map of Hopewell Furnace National Historic Site developed by the Pennsylvania Science Office of the The Nature Conservancy for the National Park Service. The map is based on field work performed in the summers of 2002 and 2003 and aerial photography obtained in 2002.

Purpose: The map is intended to represent the distribution of alliance-level vegetation types (alliance as defined by the National Vegetation Classification system) and anthropogenic covertypes (i.e., areas intensively managed or altered by humans) for the Hopewell Furnace National Historic Site at the time the aerial photography was obtained (early spring 2002).

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20030930

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Description_of_Geographic_Extent: Hopewell Furnace National Historic Site and environs

Bounding_Coordinates:

West_Bounding_Coordinate: -75.777578

East_Bounding_Coordinate: -75.754501

North_Bounding_Coordinate: 40.219884

South_Bounding_Coordinate: 40.189650

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Vegetation Map

Theme_Keyword: Alliance level

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Hopewell Furnace National Historic Site

Temporal:

Temporal_Keyword_Thesaurus: None

Temporal_Keyword: 2004

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Greg Podniesinski

Contact_Organization: Pennsylvania Science Office of the Nature Conservancy

Contact_Position: Ecologist

Contact_Address:

USGS-NPS Vegetation Mapping Program
Hopewell Furnace National Historic Site

Address_Type: mailing address

Address: 208 Airport Road

City: Middletown

State_or_Province: Pennsylvania

Postal_Code: 17057

Country: United States

Contact_Voice_Telephone: 717-948-3842

Contact_Electronic_Mail_Address: c-gpodnies@state.pa.us

Native_Data_Set_Environment: Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 8.3.0.800

Cross_Reference:

Citation_Information:

Originator: Greg Podniesinski, Pennsylvania Science Office of the Nature Conservancy

Originator: Stephanie Perles, Pennsylvania Science Office of the Nature Conservancy

Originator: Lesley Sneddon, NatureServe

Originator: Bill Millinor, North Carolina State University Center for Earth Observation

Publication_Date: 200412

Title: Vegetation classification and mapping of Hopewell National Historic Site

Geospatial_Data_Presentation_Form: report

Publication_Information:

Publication_Place: Middletown, Pennsylvania

Publisher: Pennsylvania Science Office of the Nature Conservancy

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Thematic accuracy was assessed with a Kappa Index of 88.77 +/- 1.28% (90% confidence interval)

Quantitative_Attribute_Accuracy_Assessment:

Attribute_Accuracy_Value: 88.77

Attribute_Accuracy_Explanation: see Attribute_Accuracy_Report

Logical_Consistency_Report: This shapefile was imported into a geodatabase in ArcGIS 8.x and topology rules were added to verify that there are no slivers or gaps.

Completeness_Report: This layer is complete. The majority of the park is covered.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Kucera International

Publication_Date: 200204

Title: Spring 2002 False Color Infrared aerial photography, 1:6000 scale

Geospatial_Data_Presentation_Form: aerial photography

Source_Scale_Denominator: 6000

Type_of_Source_Media: false color infrared, aerial photography photopositive transparency film

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 200204

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Kucera International, 2002

Source_Contribution: Aerial view of Hopewell Furnace NHS

Process_Step:

Process_Description: See final report which is cross-referenced

Process_Date: Unknown

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

USGS-NPS Vegetation Mapping Program
Hopewell Furnace National Historic Site

Contact_Organization: Pennsylvania Science Office of The Nature Conservancy
Contact_Address:
Address_Type: mailing address
Address: 208 Airport Road
City: Middletown
State_or_Province: Pennsylvania
Postal_Code: 17057
Country: USA
Contact_Voice_Telephone: 717-948-3842

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: G-polygon
Point_and_Vector_Object_Count: 82

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: Universal Transverse Mercator
Universal_Transverse_Mercator:
UTM_Zone_Number: 18
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: 0.999600
Longitude_of_Central_Meridian: -75.000000
Latitude_of_Projection_Origin: 0.000000
False_Easting: 500000.000000
False_Northing: 0.000000
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.000008
Ordinate_Resolution: 0.000008
Planar_Distance_Units: meters
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137.000000
Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: HOFU_Veg_Map_Alliance_2003
Entity_Type_Definition: Alliance Level vegetation map for Hopewell Furnace National Historic Site
Entity_Type_Definition_Source: PSO-TNC
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape

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Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: COMMENTS
Attribute_Definition: occasional comments added by photo-interpreters
Attribute_Definition_Source: PSO-TNC
Attribute_Domain_Values:
Unrepresentable_Domain: Unique for each record.

Attribute:

Attribute_Label: FORM_ID
Attribute_Definition: Polygon ID number originally assigned to formation-level polygons prior to assigning alliance names, now obsolete
Attribute_Definition_Source: PSO-TNC
Attribute_Domain_Values:
Unrepresentable_Domain: whole numbers originally assigned sequentially, prior to assigning of alliance names to polygons

Attribute:

Attribute_Label: FORM_CODE
Attribute_Definition: National Vegetation Classification System formation-level vegetation codes and anthropogenic covertypes (for human managed/disturbed areas)
Attribute_Definition_Source: PSO-TNC
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: National vegetation Classification system, Podniesinski et al 2004 Vegetation classification and mapping of Hopewell National Historic Site
Codeset_Source: PSO-TNC

Attribute:

Attribute_Label: ALLIANCEID
Attribute_Definition: whole numbers assigned sequentially to alliance-level polygons for purposes of uniquely identifying polygons
Attribute_Definition_Source: PSO-TNC
Attribute_Domain_Values:
Unrepresentable_Domain: Unique for each record.

Attribute:

Attribute_Label: ALLIA_CODE
Attribute_Definition: National Vegetation Classification System alliance-level codes (for natural vegetation) and coertype names for human managed/disturbed areas
Attribute_Definition_Source: PSO-TNC
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: National vegetation Classification system, Podniesinski et al 2004 Vegetation classification and mapping of Hopewell National Historic Site
Codeset_Source: PSO-TNC

Attribute:

Attribute_Label: LOCAL_NAME
Attribute_Definition: Local name given to alliance-level polygons and anthropogenic covertypes. Non-NVCS names are prefixed with "*" to identify them as such.
Attribute_Definition_Source: PSO-TNC
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: National vegetation Classification system, Podniesinski et al 2004 Vegetation classification and mapping of Hopewell National Historic Site
Codeset_Source: PSO-TNC

Attribute:

USGS-NPS Vegetation Mapping Program
Hopewell Furnace National Historic Site

Attribute_Label: FORM_NAME

Attribute_Definition: National Vegetation Classification System formation-level vegetation names and anthropogenic covertypes (for human managed/disturbed areas). Non-NVCS names are prefixed with "*" to identify them as such.

Attribute_Definition_Source: PSO-TNC

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: National vegetation Classification system, Podniesinski et al 2004 Vegetation classification and mapping of Hopewell National Historic Site

Codeset_Source: PSO-TNC

Attribute:

Attribute_Label: ALLIAN_ENG

Attribute_Definition: National Vegetation Classification System (English) alliance names, local alliance names for NVCS non-standard vegetation types and anthropogenic covertypes. Non-NVCS names are prefixed with "*" to identify them as such.

Attribute_Definition_Source: PSO-TNC

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: National vegetation Classification system, Podniesinski et al 2004 Vegetation classification and mapping of Hopewell National Historic Site

Codeset_Source: PSO-TNC

Attribute:

Attribute_Label: ALLIAN_SCI

Attribute_Definition: National Vegetation Classification System (scientific) alliance names, local alliance names for NVCS non-standard vegetation types and anthropogenic covertypes. Non-NVCS names are prefixed with "*" to identify them as such.

Attribute_Definition_Source: PSO-TNC

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: National vegetation Classification system, Podniesinski et al 2004 Vegetation classification and mapping of Hopewell National Historic Site

Codeset_Source: PSO-TNC

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS Center for Biological Informatics

Contact_Position: USGS-NPS Vegetation Mapping Program Coordinator

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: HTML

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: http://biology.usgs.gov/npsveg/hofu/index.html#geospatial_veg_info

Access_Instructions: Internet Access

Fees: None

Metadata_Reference_Information:

Metadata_Date: 20050218

Metadata_Review_Date: 20060901

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address:

U.S. Geological Survey, Center for Biological Informatics, MS 302,
Room 8000, Building 810, Denver Federal Center

City: Denver

State_or_Province: Colorado

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Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov

Metadata_Standard_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1:
Biological Data Profile, 1999

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Extensions:

Online_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile_Name: Biological Data Profile FGDC-STD-001.1-1999